LOGGE M. N	CATION (Lat/Long or North/East and Datum) 322 / E5997352.487 (NAD83)										HOLE ID DNB-R2									
DRILLI	BOREHOL	BOREHOLE LOCATION (Offset, Station, Line)											SURFACE ELEVATION 11.666 ft (NAVD88)							
_	Gregg Drilling and Testing, Inc. DRILLING METHOD							Offset 105ft R Sta 51+74 NB Alignment DRILL RIG											(ETER	
	Mud Rotary SAMPLER TYPE(S) AND SIZE(S) (ID)							Fraste Multi-drill (track)											ENOV ED	
	MC (2.4"), SPT (1.4"), Shelby (2.87"), Pitcher (2.87")							SPT HAMMER TYPE Automatic, 140 lbs., 30-inch drop											ENCY, ER	1
BOREH									ROUNDWATER DURING DRILLING AFTER DRILLING (DATE) EADINGS											}
						<u> </u>							ţ				106 ft			
ELEVATION (ft)	Œ					Sample Location		per 6 In	Blows per Foot	(%)		(%	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method Casing Depth					
-VAT	DEРТН (ft)	Material Graphics				ple L	ב ב ב	/s per	/s per	Recovery (RQD (%)	sture tent ('	Unit ∨	ar Str	Drilling Metho Casina Depth					
E		Mate Grap			Sam	0	Blows	Blow	Rec	RQE	Mois	Dry (pcf)	She (tsf)	Orilli		R	emarks			
			2" ASPHALT CONCRE CLAYEY SAND (SC), 9	ETE. gray and red, moist, with		1														
	1		conglomerate, sandsto SANDY CLAY. [FILL]	asts of																
9.67	2		SILTY SAND/CLAYEY	SAND (SM-SC), dark gra	y, moist,	s	1	3	14	100										
	3		SANDY lean CLAY (CI	L), soft, olive gray and dark k fragments, fine GRAVEL		1		5 9												F
7.67	4			very loose, dark gray, mois		S	2	2	3	6										
	5		Grades to brown SANE	DY CLAY ~4'.		Ш		2												F
5.67	6		Fot CLAV with CAND	(CLI) soft block and alive	van maiat	4														
	7		[BAY MUD]	(CH), soft, black and olive,	very moist.															
3.67	8		Pocket of clean dark gr	ray SAND at ~7.5' (few inc	hes).	M s	3	1 2	5	56										
3.07				very loose, dark gray, moi	ist to very	 //s	4	3	1	100										
	9		moist, fine. [SANDY BA	AT MODJ		X		0		100										
1.67	10							1												
	11																		ery fine sar	nd 🗏
-0.33	12		CLAYEY SAND (SC).	dark gray, fine, slight orga	nic/earthy	Ιυ	5		-RW	70						noted i	n cutting:	s at 11'		
30/6/1	13		odor detected. [MARIN		,															
-2.33	14					\mathbb{H}														
SIMIA	15					Н														
	E																			E
-4.33	16		Poorly graded SAND (\$ trace SILT, with shell fr	SP), medium dense, gray, ragments.	very moist,															
S	17			_		s	6	14	34	78										E
-6.33	18							17 17												
7	19		20.0', lense of very dar	rk gray fat CLAY.		Ms	7	5 1	4	100										
-8.33	20		Fat CLAY with SAND ((CH), soft, gray, very moist	t. SAND is	// 	8	3	/1.5,	11000B						~1" Ba	y Mud no	oted at t	p of SPT	
9.00 P	21		fine. [BAY MUD]	(=,, ==, g-=,, ==-,=	,	$\ \ $			psi							~20'	•			
-10.33	22			with CLAY (SP-SC), loose,		\parallel														
3	23		SAND]	e, frequent shell fragments.	· 	∭ s	9	2	5	83										
			Poorly graded SAND (Soccasional shell fragme	SP), loose, grayish brown, ents.	tine,	Д		2												
12.33	24																			Ē
-4.33 -4.33	- 25 -	I	(continued)																	
3			Departi	ment of Transportat	tion			POR ORIN			COF	RD						HOLE		
A A	F			n of Engineering Se	ervices			BORING RECORD DIST. COUNTY ROUTE POSTMII 4 S.F. 101 8.3/9.4								LE EA				
Geotechnical Services								PROJECT OR BRIDGE NAME Doyle Drive Replacement Project							,	<u> </u>				
Ž						BF	BRIDGE NUMBER PREPARED BY							DATE SHEET 11-3-08 1 of 4						
3							34	4-16 ₄	ŧK_			Ι.	∪arr	UII			11-3	ว-บช	1 of 4	+

ELEVATION (ft)	ірертн (ft)	Material Graphics	Description	Sample Location	Sample Number	Blows per 6 In	Blows per Foot	Recovery (%)	RQD (%)	Content (%) Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	objusted to the control of the contr
-14.33	26		Poorly graded SAND (SP), dark yellowish brown, wet, fine. [COLMA SAND]										
-16.33	27		Grades dense to very dense.	X	S10	22 36 42		100					
-18.33	29 30		Grades with trace CLAY.	X	S11	16 23 46	69	100					
-20.33	31			V	S12	35	64	94					
-22.33	33		34.3', grades brown to yellowish brown, with 1/8" iron-oxide	X	S13	32 32 32 13 24		100					
-24.33	35 36		stained SAND seams.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		36							
-26.33	37			X	S14	14 33 42	77	100					
-28.33	39		Some iron-oxide staining at ~39.4'. 39.4' - 40.0', grades with trace CLAY.	X	S15	12 22 39	61	100					
-30.33	41				S16		94/11	1400					
RMAT.GLB 11/3/08 -2. 28:78:	43		Very dense. Iron-oxide staining at ~43.5' - 44.0'.	X	S17	44 50/5"		100					
-34.33	45			Δ		23 54							l l
RY_CALTRA S:95 S:95	47			X	S18	33 49	99	83					
-38.33	49		Iron-oxide stained seams noted ~48.5'. CLAYEY SAND (SC), dense, dark brown to dark yellowish brown, moist, some 1/8" to 1/4" iron-oxide stained mottling.		S19	50 14 18 27	45	100					
-40.33	51												
48.33 -42.33	53			X	S20	9 14 18	32	100					
EDRIVE	-55		(a a satirous all										
CALTRANS FORMAT DOYLEDRIVE_ARUPLOGS_11-2-08.GPJ ARUP LIBRARY_CALTRANS FO CALTRANS FORMAT DOYLEDRIVE_ARUPLOGS_11-2-08.GPJ ARUP LIBRARY_CALTRANS FORMAT DOYLEDRIVE_ARUPLOGS_11-2-08.GPJ ARUPLOGS_11-2-08.GPJ ARUPLOGS			Department of Transportation Division of Engineering Services Geotechnical Services		D 4	ROJE	NG CT O	REC COUN S.F. R BR	ITY IDGE	ROU 101 NAME		8.3	HOLE ID DNB-R2 DSTMILE EA 163701
CALTR	В	Doyle Drive Replacement Project BRIDGE NUMBER PREPARED BY DATE SHEET 34-164R T. Carroll 11-3-08 2 of 4											

ELEVATION (ft)	ірертн (ft)	Material Graphics	Description	Sample Location	Sample Number	Blows per 6 In	Blows per Foot	Recovery (%)	RQD (%)	Content (%) Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Remarks	
-44.33	-55 56		CLAYEY SAND (SC), dense, dark brown to dark yellowish brown, moist, some 1/8" to 1/4" iron-oxide stained mottling. SAND with CLAY (SP-SC), very dense, grayish brown to brown, moist, fine to very fine.										Contact not observed	
-46.33	57			\bigvee	S21	25 31 37	68	100						
-48.33	59 60		SANDY CLAY (SC), dark gray to olive, moist.										Drilling slows at 59.5'	
-50.33	61		Poorly graded SAND with CLAY (SP-SC), dense, dark greenish gray, moist, fine, with decayed root, with olive gray mottling.		S22	18	47	100					Drilling faster at 61-62'; sandy - per driller	
-52.33				Δ		20 27								
-54.33	65 66													
-56.33	E		Poorly graded SAND (SP), very dense, dark gray, wet, fine.	\bigvee	S23	26 41 50/5"	91/ 11"	100						
-58.33														
-60.33 80(8)	E		Lean CLAY with SAND (CL), hard, greenish gray, moist, with iron oxide nodules, with calcite veins, sand is fine with black	V	S24	22 13	33	100						
RMAT.GLB 11/3/08 9- 28:73	74		specks. [OLD BAY CLAY]		U25	20	0 psi	67			PP = 2.1, 1.9			
-64.33	76 77										PP = >2.25			
LIBRARY CA	78													
98.33 -68.33	80		Fat CLAY (CH), hard, greenish gray, moist.		U26		0 psi	67			PP = >2.25			
CALITRANS FORMAT DOYLEDRIVE_ARUPLOGS_11-2-08.GPJ ARUP LIBRARY_CALITRANS FO -2	82										PP = >2.25			
-72.33	84										- 2.20			
JE LEI			(continued)											\Box
			Department of Transportation		R	EPOR SORII	TIT T	LE RF	COR	D			HOLE ID DNB-R2	
Division of Engineering Services							BORING RECORD DNB-R2 DIST. COUNTY ROUTE POSTMILE EA 4 S.F. 101 8.3/9.4 163701							
NS F	7	Geotechnical Services	Р	PROJECT OR BRIDGE NAME Doyle Drive Replacement Project										
Y I IK					В	RIDGE	NUN		s	PREPAR T. Carr	ED BY	<i>,</i> 01	DATE SHEET 11-3-08 3 of 4	\exists
3					3	34-16	4R			1. Carr	Oll		11-3-08 3 of 4	

